

0410Z 27 DEC 1962

SECRET

25X1A DIRECTOR

OPERATIONAL IMMEDIATE

OPS (1-2-3-4-5)

OPERATIONAL IMMEDIATE

S/C (6)

TOR: 0424Z 27 DEC 1962

25X1A

IN-60421

CHE

963

25X1A

1. ON GRC-134 AND GRC-135 BOTH HIGH AND LOW PRF LIGHTS OF SYSTEM XII HAVE COME ON AND REMAINED ON AS SOON AS SYSTEM WAS TURNED ON. NO AUDIO SIGNALS WERE PRESENT ON EITHER MISSION. WHEN AC POWER WAS TURNED OFF LIGHTS APPEARED TO WORK NORMALLY. TROUBLE HAS BEEN DIAGNOSED AS BRUSH NOISE FROM THE AC ALTERNATOR.
 2. IN AN EFFORT TO RESTORE OPERATIONAL CAPABILITY ASAP WE ARE TRANSPOSING TWO LEADS TO SYSTEM XII POWER SENSING RELAY. THIS WILL MAKE THE INVERTOR THE PRIME SOURCE OF POWER FOR SYSTEM XII, WITH ALTERNATOR AS SECONDARY SOURCE, IN CASE OF INVERTOR FAILURE. NO TROUBLE WITH THE PRF LIGHTS HAS BEEN ENCOUNTERED WHILE OPERATING OFF INVERTOR POWER.
 3. IF ANY OBJECTIONS PLEASE NOTIFY SOONEST, AS WE EXPECT TO COMPLETE THIS CHANGE AND HAVE ARTICLE OPERATIONAL READY THIS AFTERNOON.
- END OF MESSAGE

SECRET